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Current IMS Database

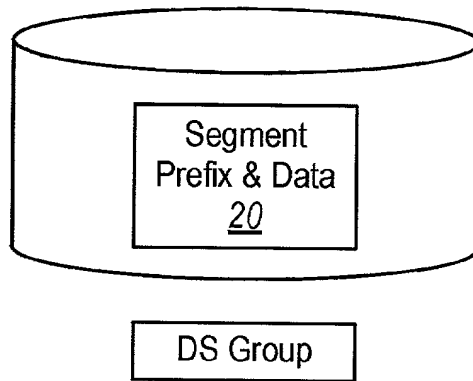


FIG. 1A
(Prior Art)

Invention Database

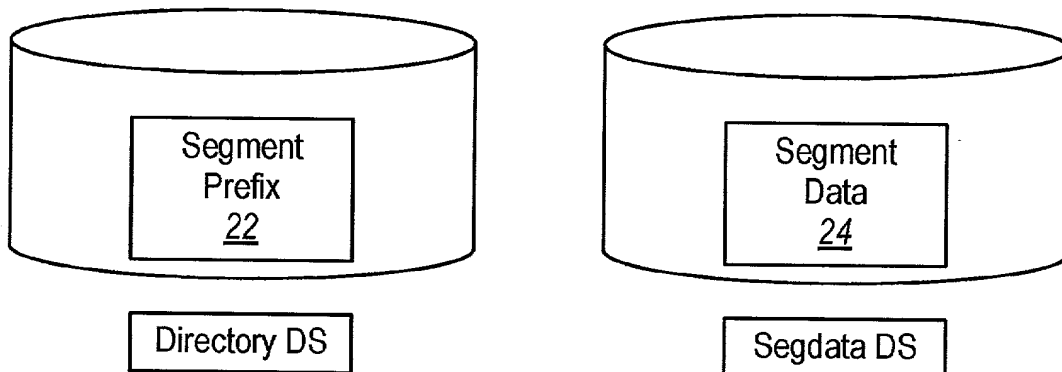


FIG. 1B

202750 EE67E001

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Layout Of Segment In Directory Dataset

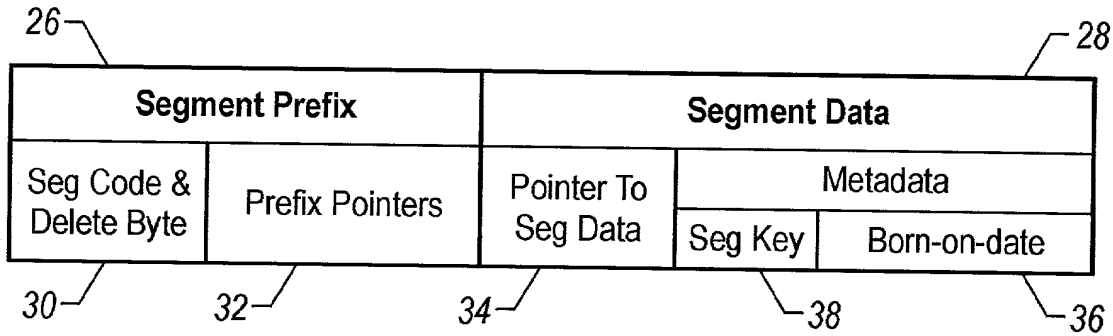


FIG. 2A

Layout Of Segment In Segdata Dataset

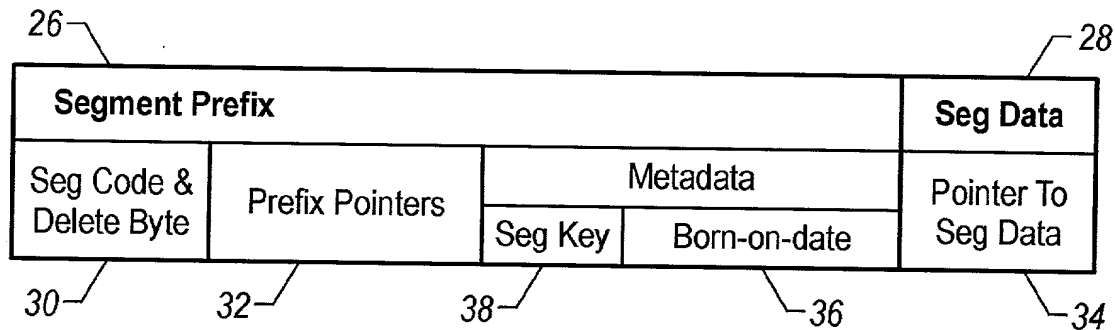


FIG. 2B

Layout Of Segment In Segdata Dataset

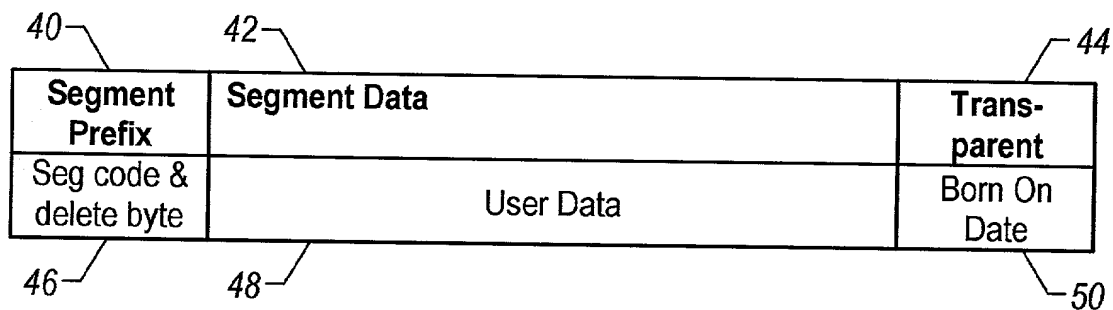


FIG. 3

202750 EE6ZEE01

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DBD NAME=IVPDB1,ACCESS=(HIDAM,OSAM)

DIR DD1=DFSIVD1,SIZE=2048, UOW=(500,50,10)

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DATASET DD1=DFSIVD1A,DEVICE=3380,SIZE=2048

SEGM NAME=A1111111,PARENT=0,BYTES=40,RULES=(LLV,LAST),PTR=(TB,CTR)

FIELD NAME=(A1111111,SEQ,U),BYTES=010,START=00001,TYPE=C

FIELD NAME=A9999999,BYTES=010,START=00011,TYPE=C

LCHILD NAME=(A1,IVPDB1I),POINTER=INDX,RULES=LAST

LCHILD NAME=(A1X,IVPDB1X),POINTER=INDX

XDFLD NAME=AXXXXXXX,SEGMENT=A1111111,SRCH=(A9999999)

LCHILD NAME=(C1X, IVPDB1Z),POINTER=INDX

XDFLD NAME=CXXXXXXX,SEGMENT=C1111111,SRCH=(C9999999)

DATASET DD1=DFSIVD1B,DEVICE=3380,SIZE=4096

SEGM NAME=B1111111,PARENT=A1111111,BYTES=(1000,50),

X

RULES=(LLV,LAST),PTR=(TB)

FIELD NAME=(B1111111,SEQ,M),BYTES=010, START=00003,TYPE=C

FIELD NAME=/SXB1

LCHILD NAME=(B1X,IVPDB1Y),POINTER=INDX

XDFLD . . NAME=BXXXXXXX,SEGMENT=B1111111,SRCH=(B1111111),SUBSEQ=(/SXB1)

DATASET DD1=DFSIVD1C,DEVICE=3380,SIZE=8192

SEGM NAME=C1111111,PARENT=B1111111,COMPRTN=(DFSKMPXO,DATA,INIT),

X

RULES=(LLV,LAST),PTR=(TB),BYTES=(8000,50)

FIELD NAME=(C1111111,SEQ,U),BYTES=010,START=00003,TYPE=C

FIELD NAME=C9999999,BYTES=010,START=00011,TYPE=C

DIRGEN

DBDGEN

FINISH

END

FIG. 4A

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DBD NAME=IVPDB2,ACCESS=HDAM,RMNAME=(DFSHDC40,4,1000)

DIR DD1=DFSIVD2, UOW=(100,10) ← 124

DATASET DD1=DFSIVD2A,DEVICE=3380,SIZE=2048

SEGM NAME=A1111111,PARENT=0,BYTES=40,RULES=(LLL,LAST), X
COMPRTN=(DFSKMPX0,DATA,INIT)

FIELD NAME=(A1111111,SEQ,U),BYTES=010,START=00001,TYPE=C

DATASET DD1=DFSIVD2B,DEVICE=3380,SIZE=4096

SEGM NAME=B1111111,PARENT=A1111111,BYTES=(1000,50), X
RULES=(LLV,LAST),PTR=(TB)

FIELD NAME=(B1111111,SEQ,U),BYTES=010,START=00003,TYPE=C

DATASET DD1=DFSIVD2C,DEVICE=3380,SIZE=8192

SEGM NAME=C1111111,PARENT=B1111111,COMPRTN=(DFSKMPX0,DATA,INIT),
RULES=(LLV,LAST),PTR=TB,BYTES=8000

FIELD NAME=(C1111111,SEQ,U),BYTES=010,START=00001,TYPE=C

DIRGEN

DBDGEN

FINISH

END

FIG. 4B

10037933-051702

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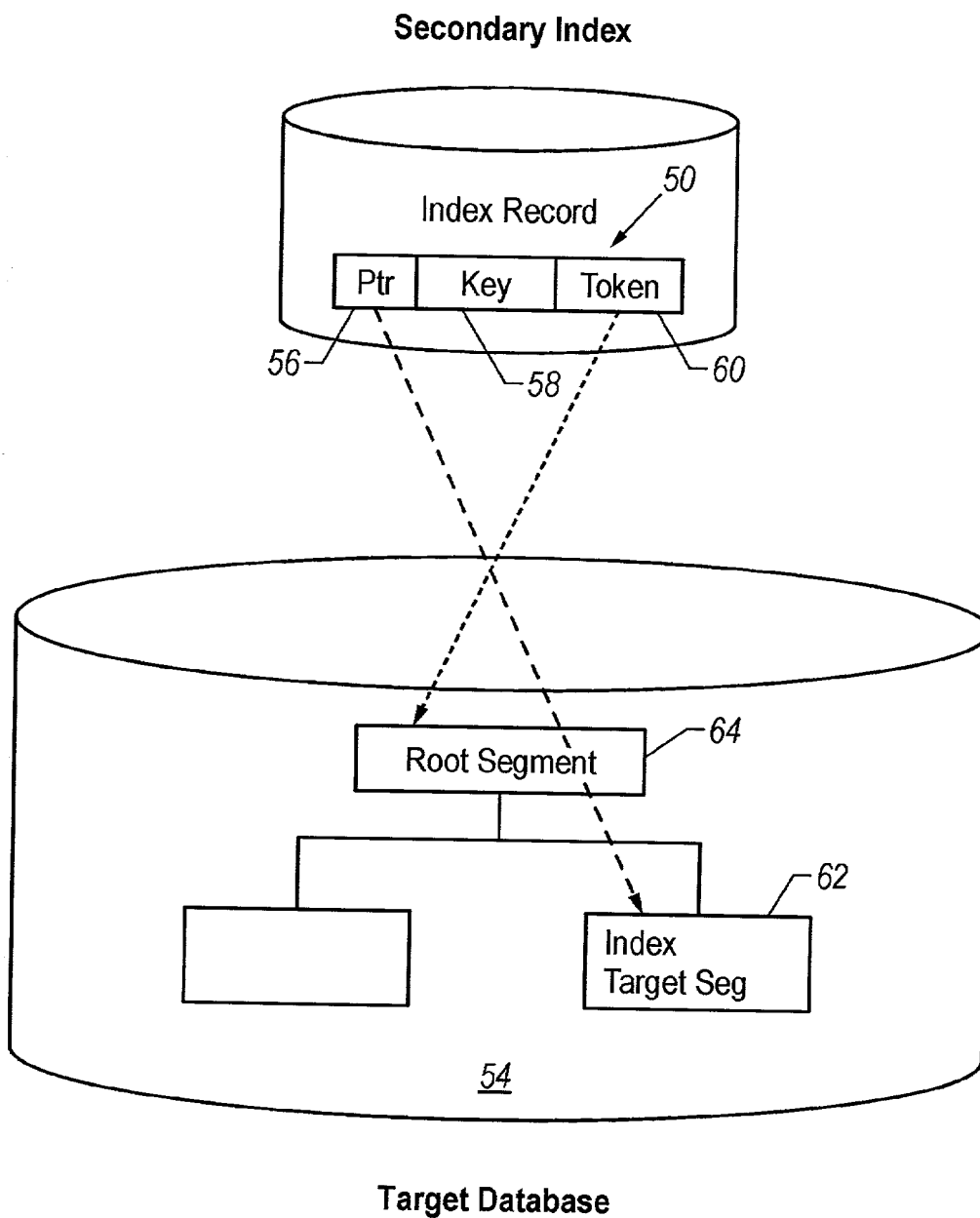


FIG. 5

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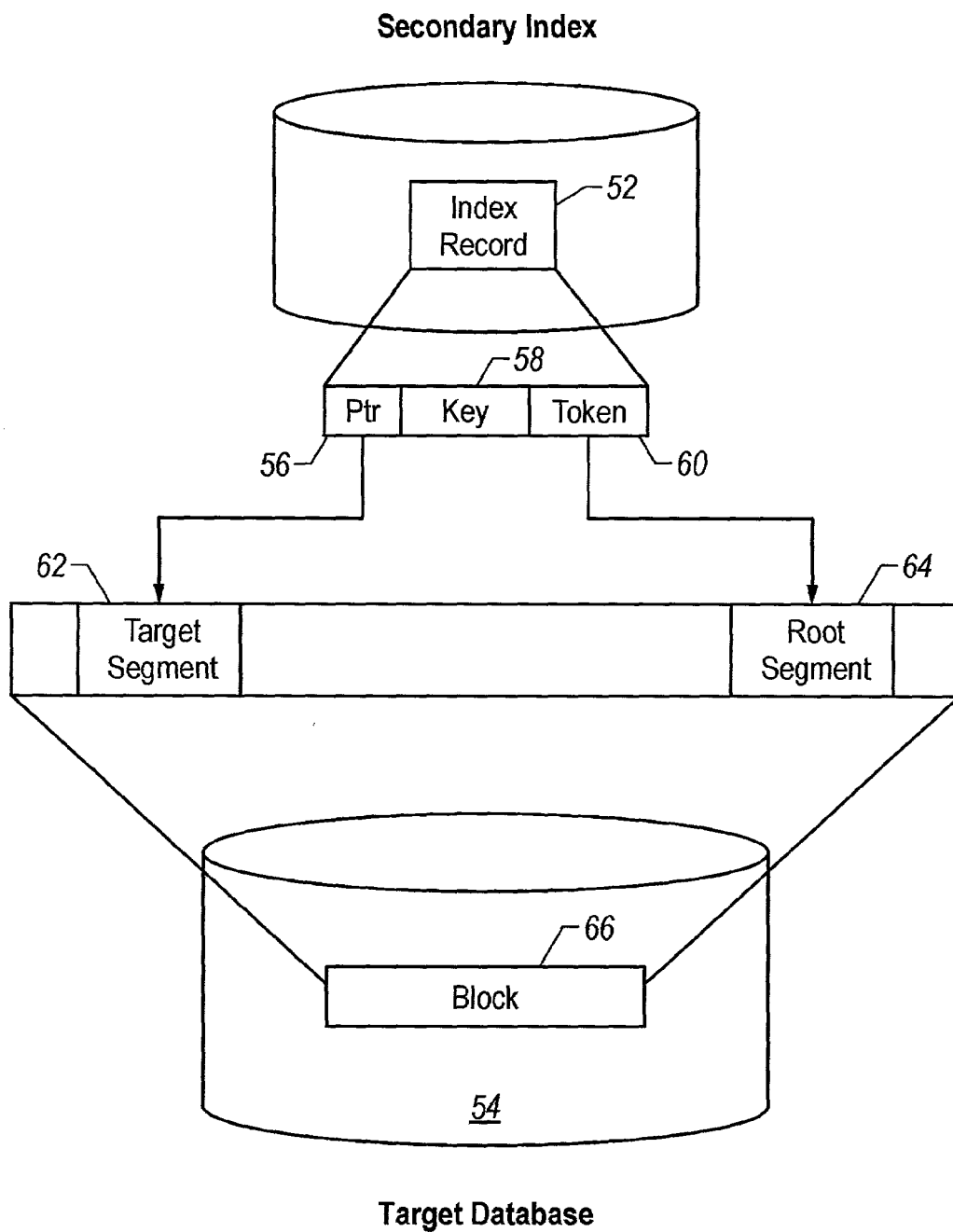


FIG. 6

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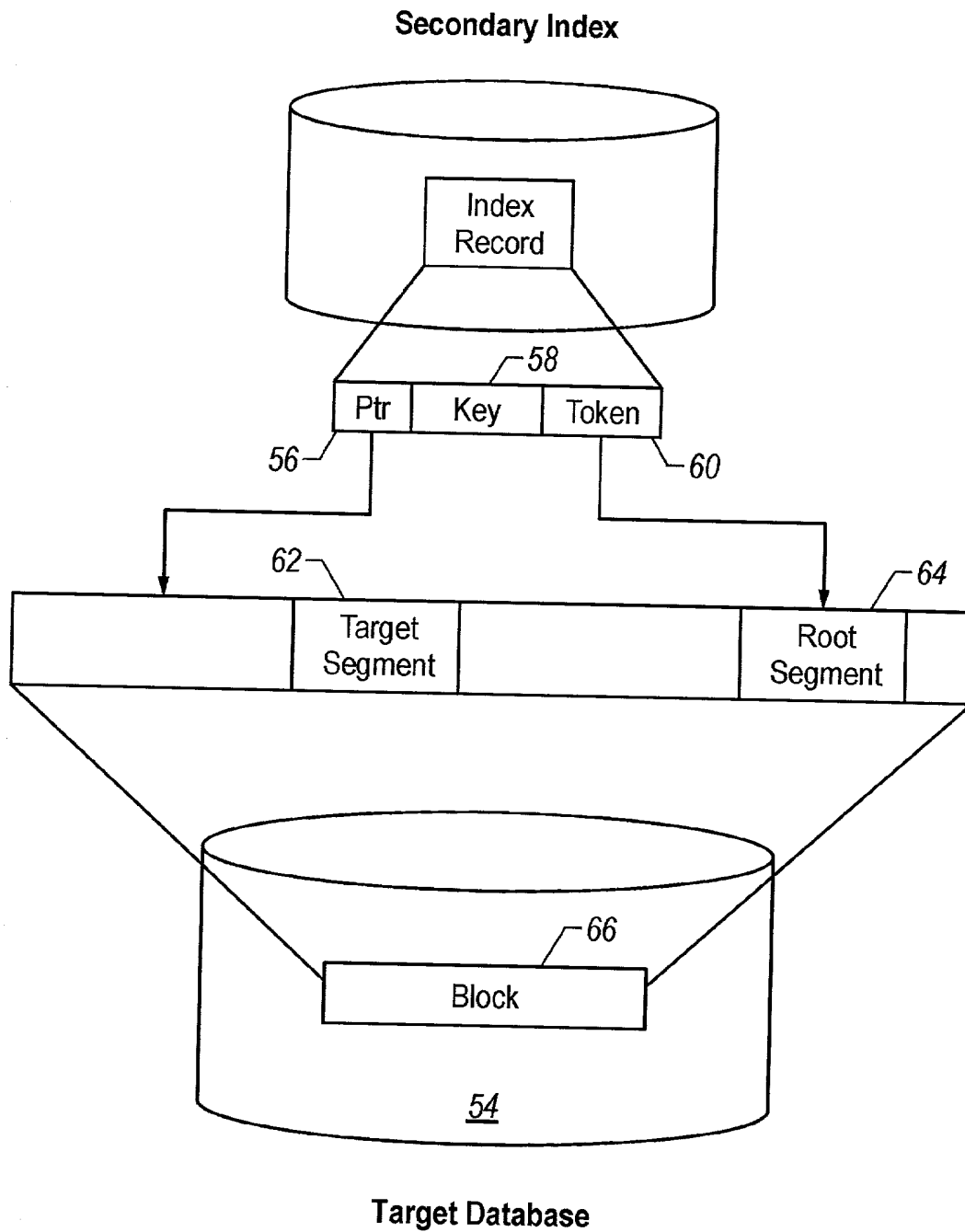


FIG. 7

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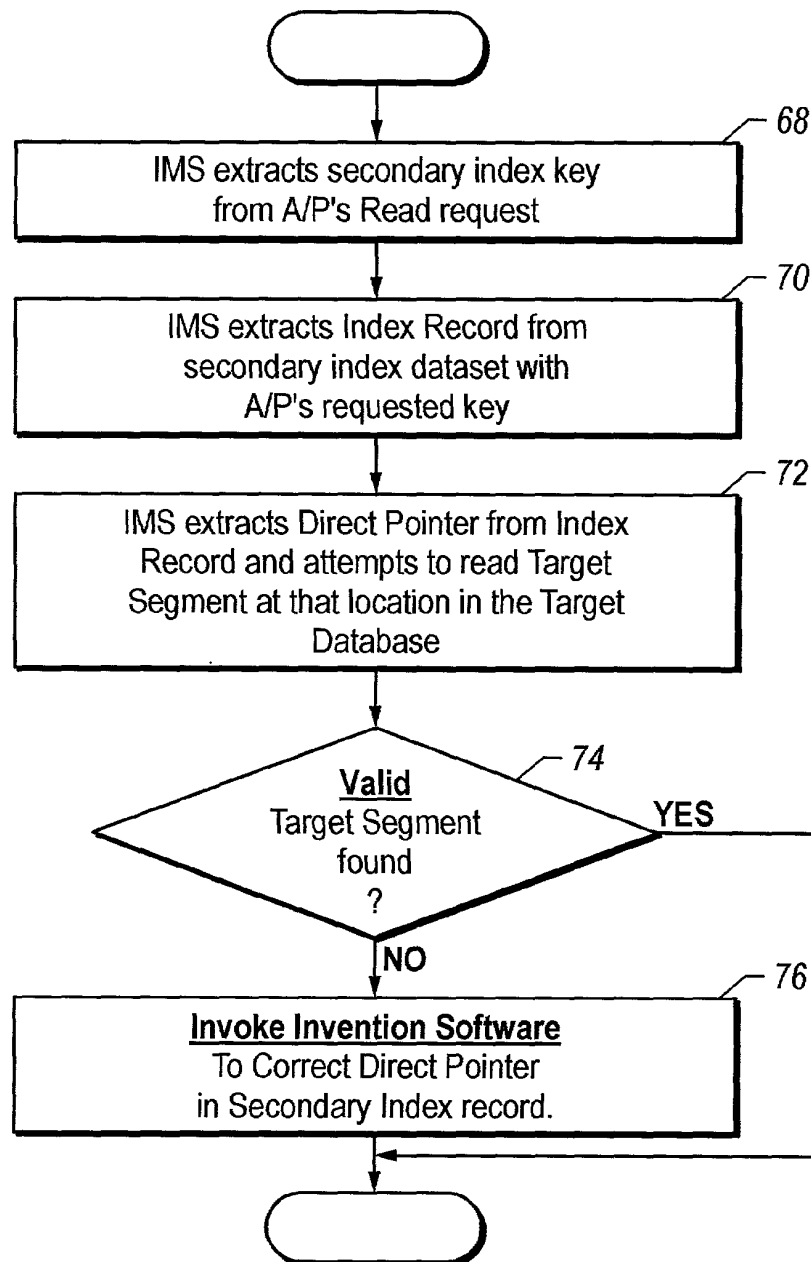


FIG. 8

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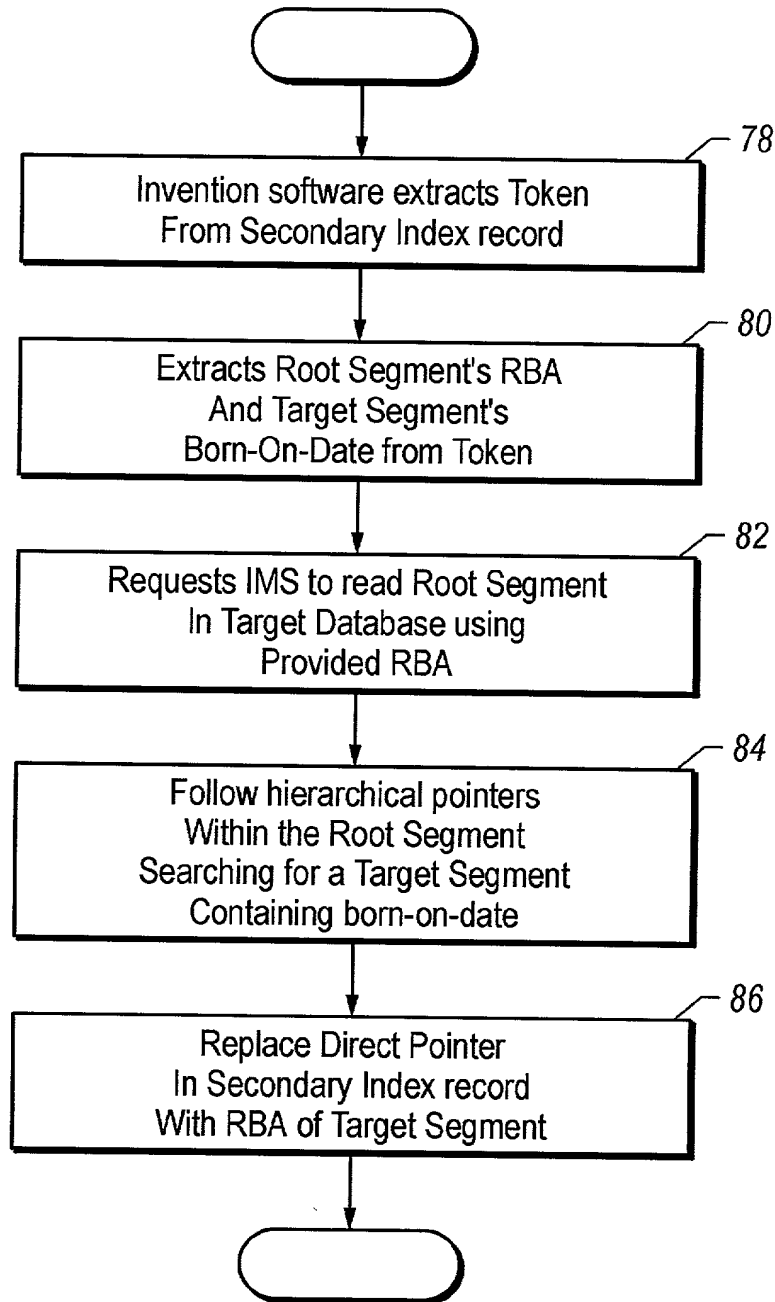


FIG. 9

20250703 05:40:00

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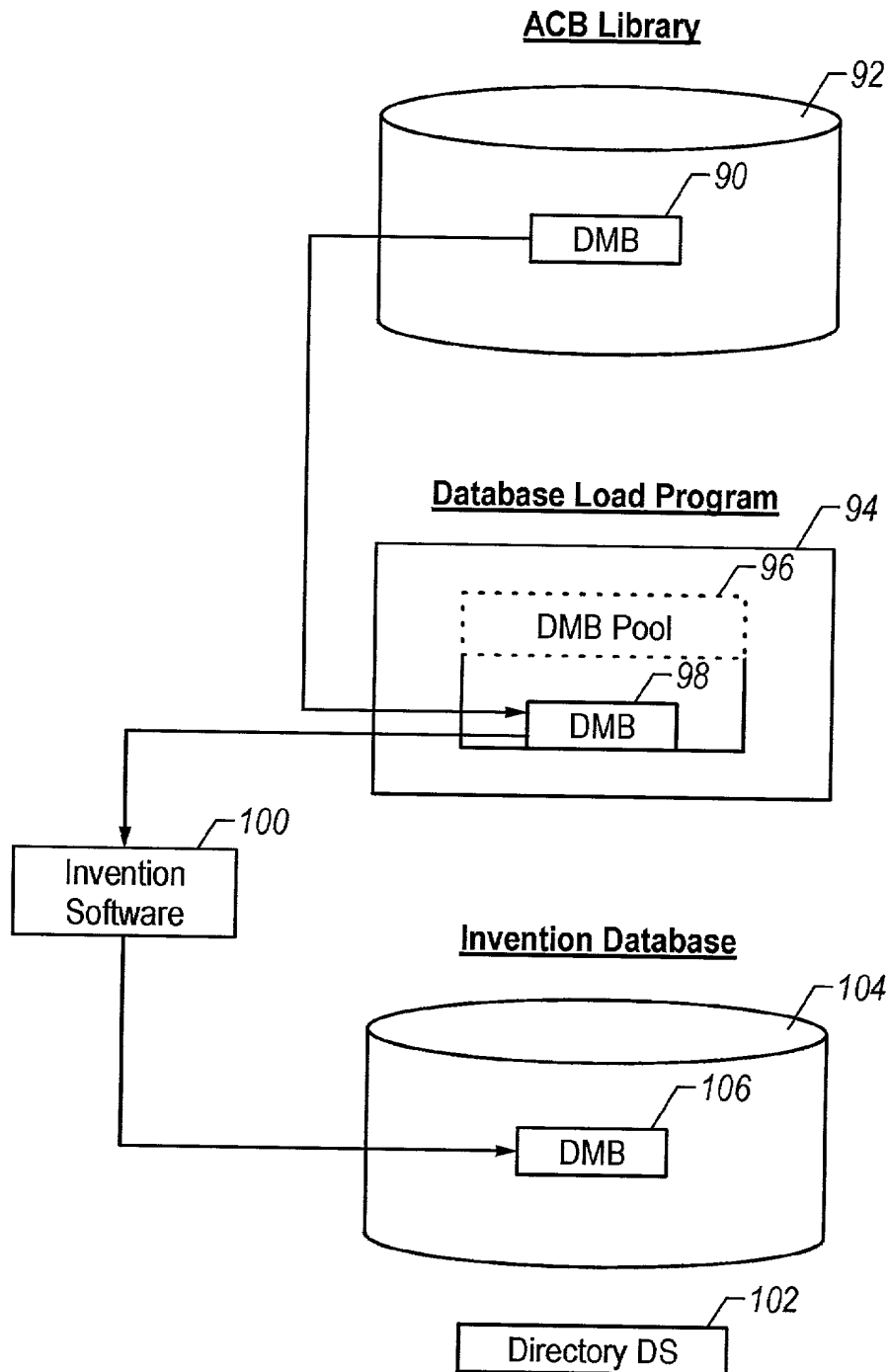


FIG. 10

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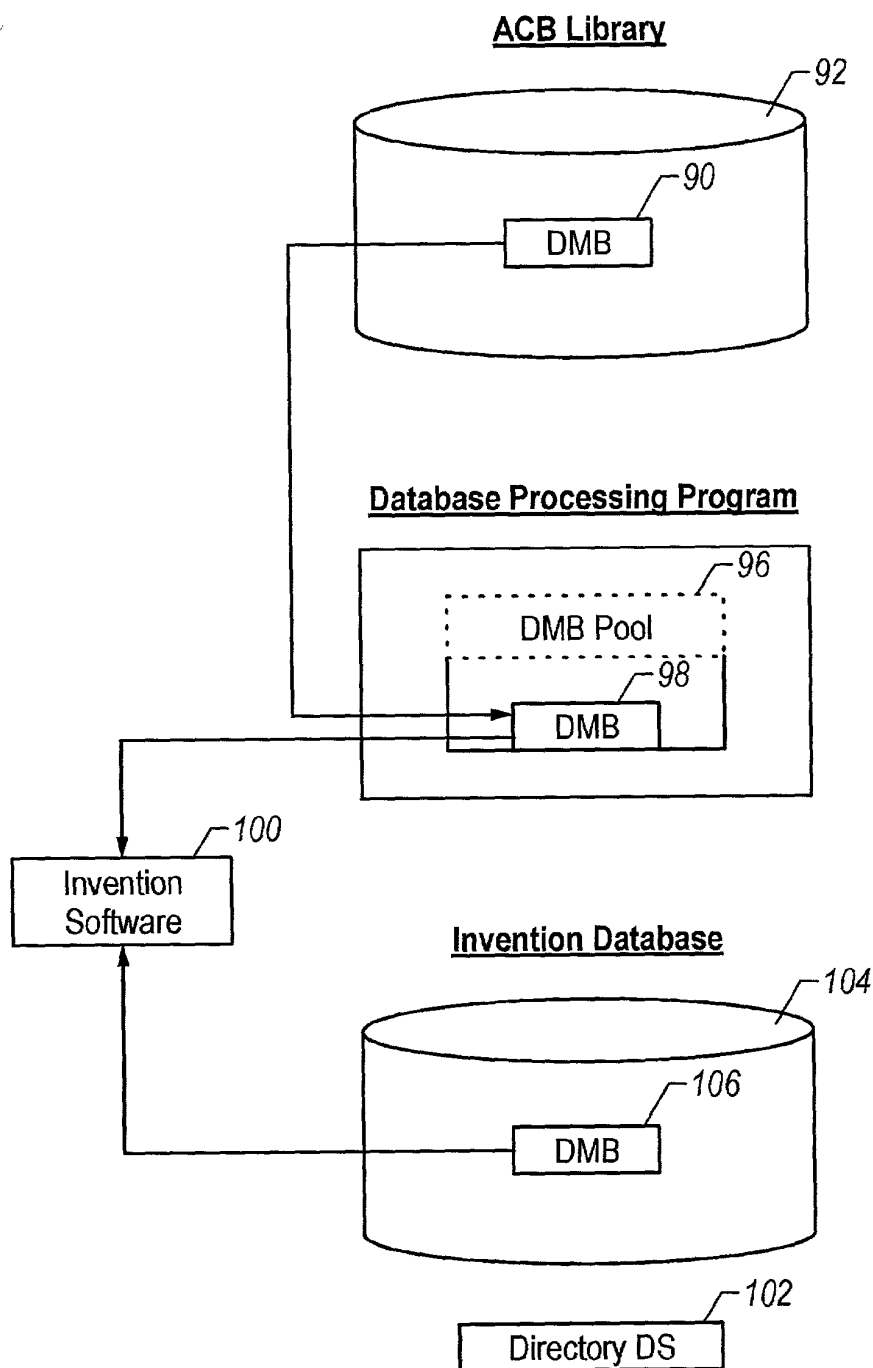


FIG. 11

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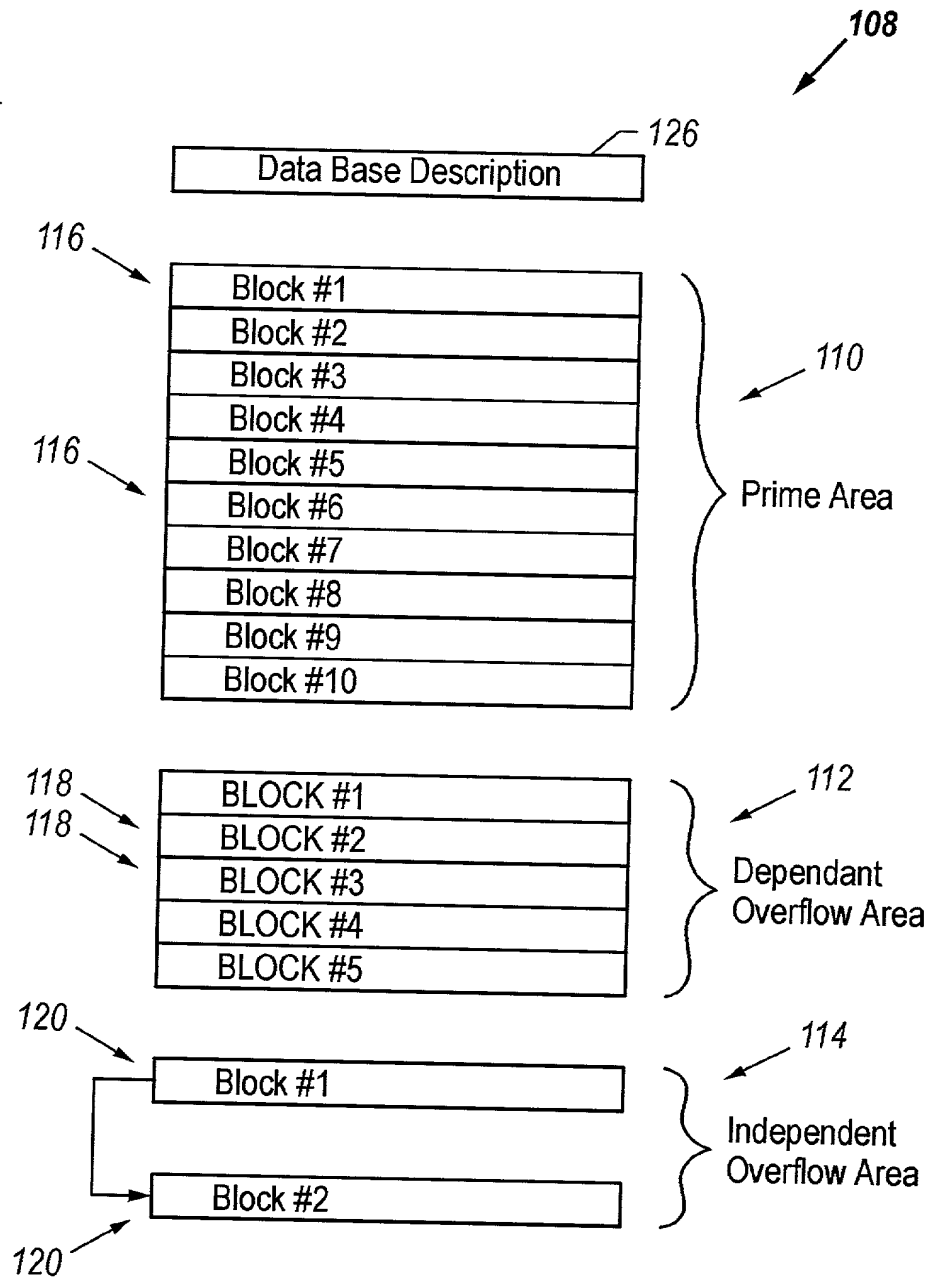


FIG. 12

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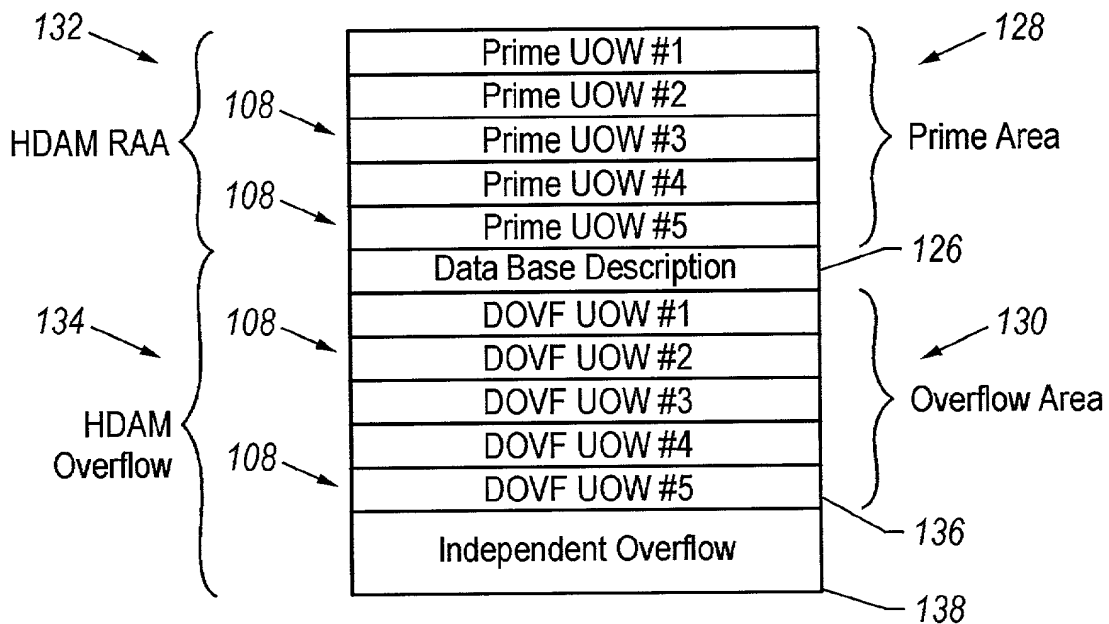


FIG. 13

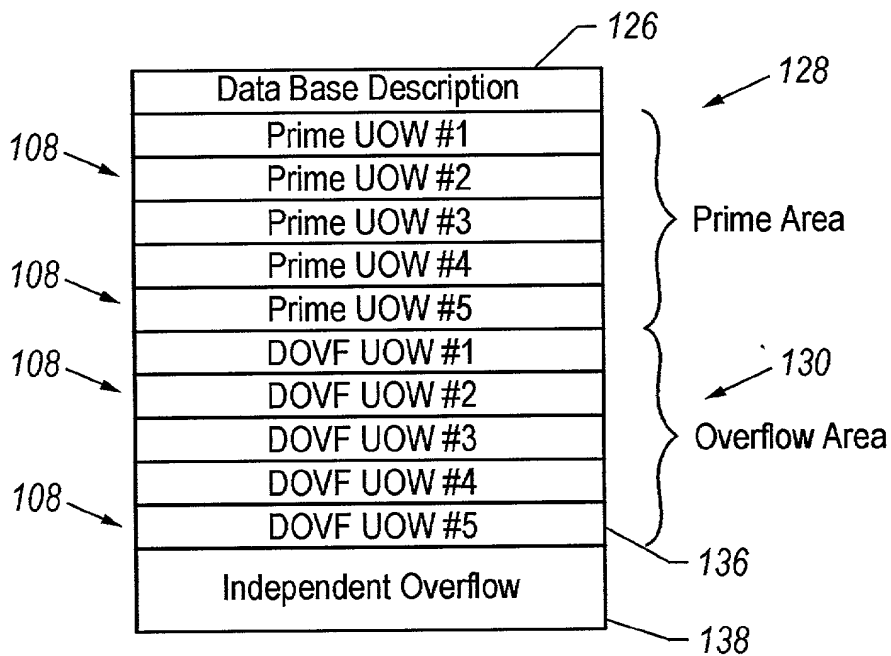


FIG. 14

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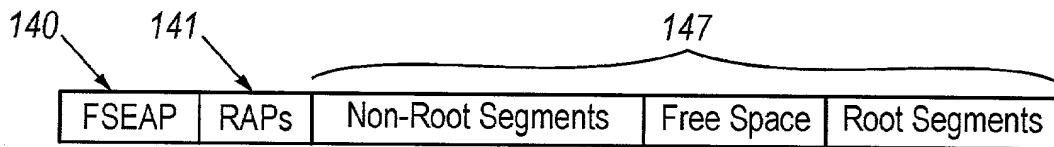


FIG. 15

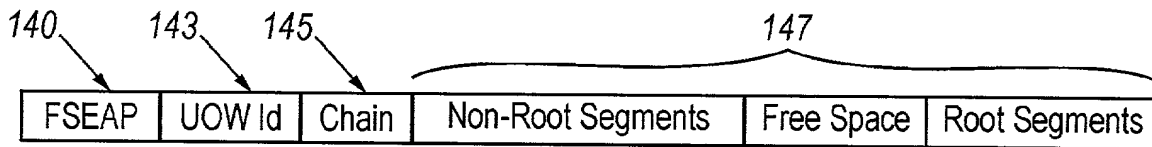


FIG. 16

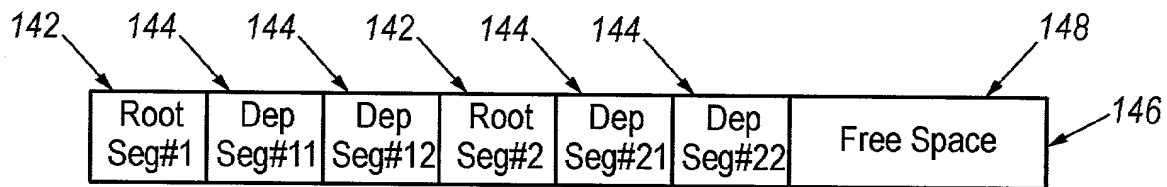


FIG. 17

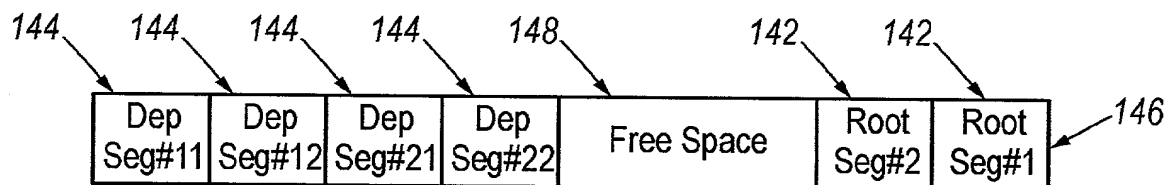


FIG. 18

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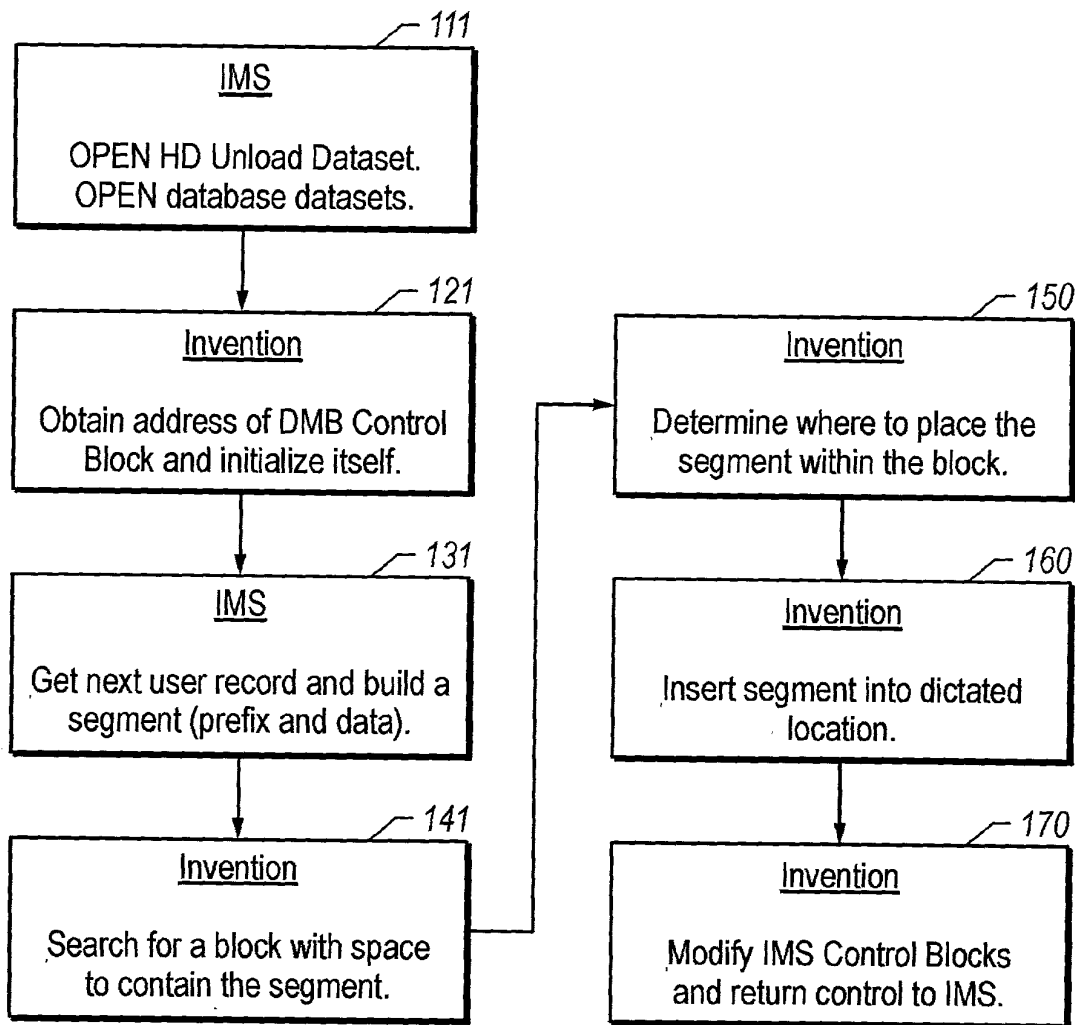


FIG. 19

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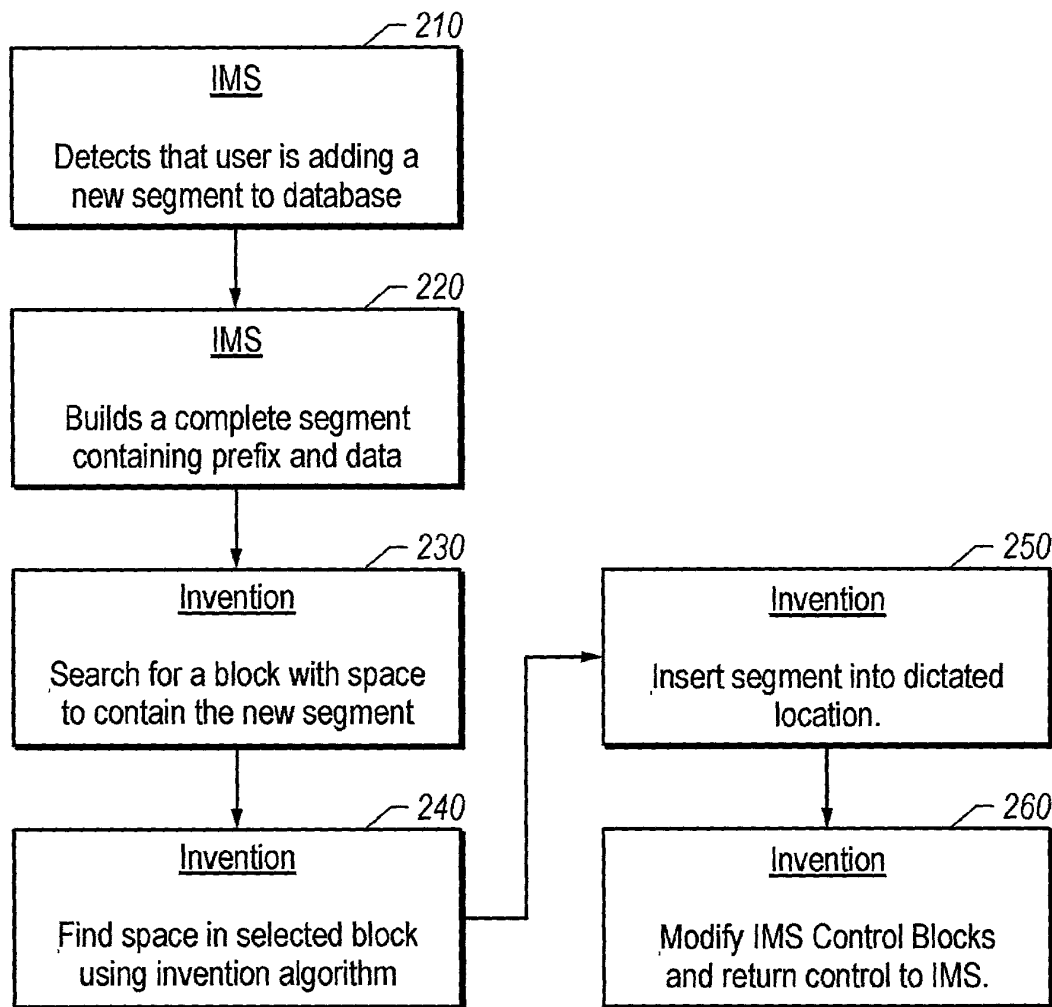


FIG. 20

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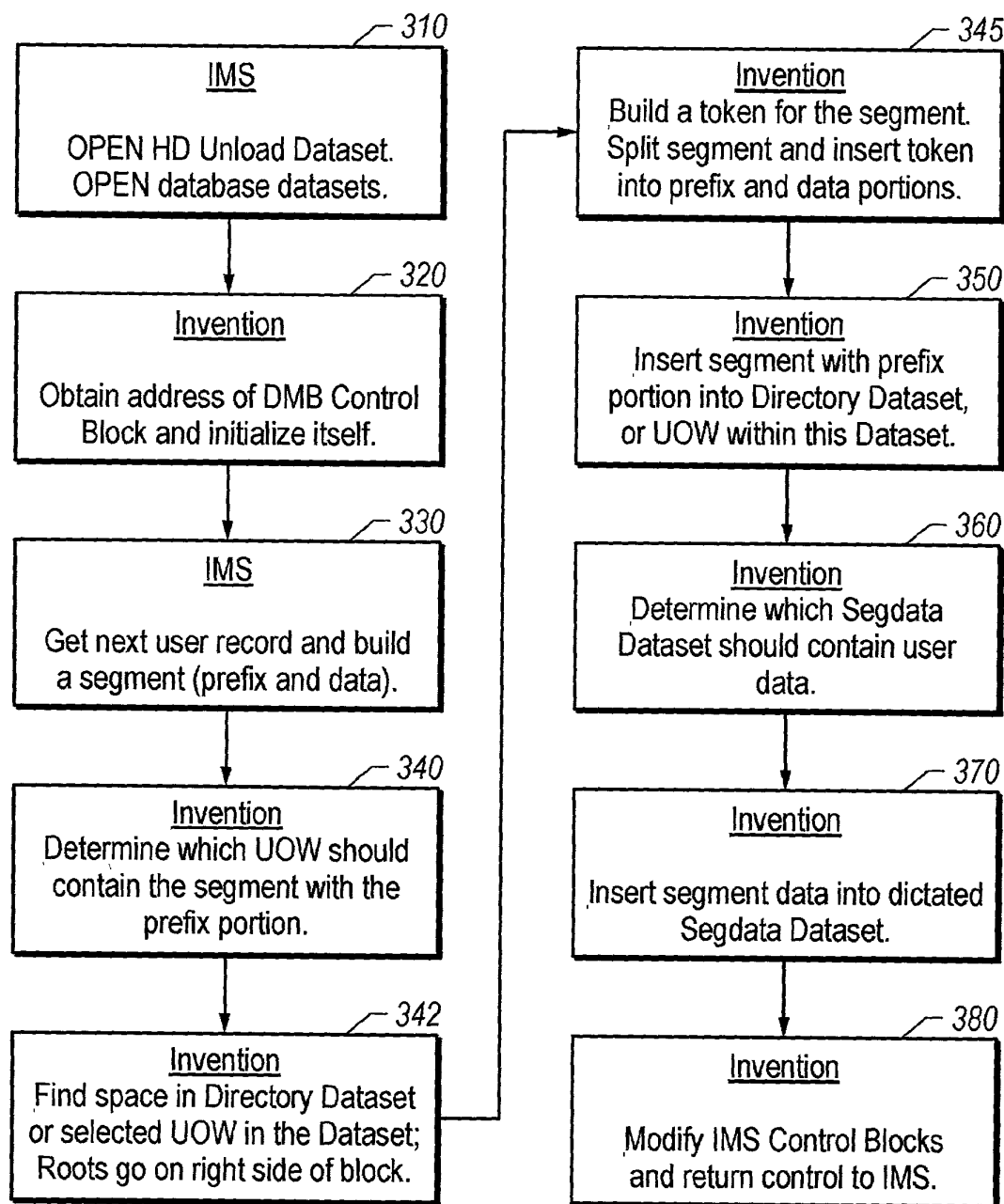


FIG. 21

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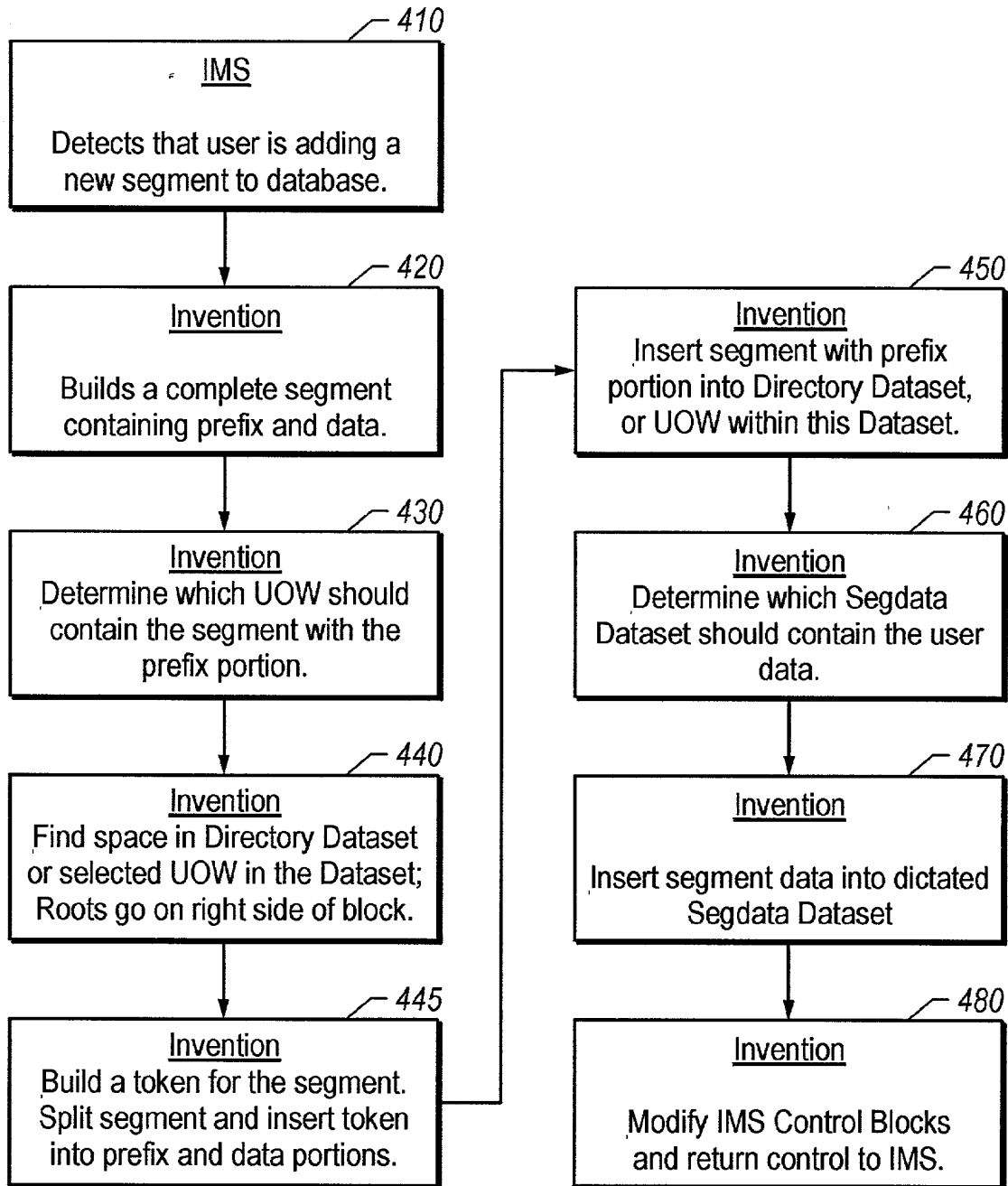


FIG. 22